

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An ultrasonic probe comprising;
an ultrasonic transducer unit emitting ultrasonic waves while swinging,
a motor, the motor adapted to generate power for swinging said ultrasonic transducer unit,
a first power transmission device, the first power transmission device connected to a rotating shaft of said motor and transmitting said power,
a drive device connected to said first power transmission device, the drive device rotated by said transmitted power,
a cable-like second power transmission device, the cable-like second power transmission device adapted to transmit said power by the rotation of said drive device, wherein the second power transmission device includes opposing ~~loop~~ ring-shaped ends,
a swing device, on which said ultrasonic transducer unit is mounted, swinging said ultrasonic transducer unit with said power due to the rotation of said drive device transmitted through said second power transmission device,
a first fixing device to which one of the ~~loop~~ ring-shaped ends of the second power transmission device is

fixed and which is removably, fixedly attached to said swing device together with said second power transmission device, and

a second fixing device fixing, to said drive device, an opposite one of the ~~loop~~ ring-shaped ends of said second power transmission device, which is opposed to the ~~loop~~ ring-shaped end that is fixed at the first fixing device.

2. (Previously presented) The ultrasonic probe according to claim 1,

wherein said first fixing device includes a material capable of being deformed by an external force and having a plurality of penetrating holes that are interconnected with one another inside thereof,

wherein the first fixing device is applied thereto with a compressing force under a condition where ends of said second power transmission device are permitted to pass from one hole of said plurality of penetrating holes to another, to thereby be integrally fixed together with said second power transmission device, said first fixing device being fixed to said swing device together with said fixed second power transmission device.

3. (Previously presented) The ultrasonic probe according to claim 1,

wherein said second fixing device comprises a screw

that tightens said second power transmission device to said drive device.

4. (Previously presented) The ultrasonic probe according to claim 3,

wherein said screw is provided with a plate-like portion, which is provided for preventing said second power transmission device from being damaged due to tightening of said screw.

5. (Previously presented) The ultrasonic probe according to claim 1, including at least one intermediate pulley device adapted to remove slack from the second power transmission device by being movable in a direction towards and away from the drive device.

6. (Previously presented) The ultrasonic probe according to claim 5,

wherein the at least one intermediate pulley device is movable in a direction parallel to the swing device for removing any slack from the second power transmission device.

7. (Previously presented) An ultrasonic probe comprising:

an ultrasonic transducer unit emitting ultrasonic waves while swinging;

a motor;

a shaft attached to the motor, the shaft adapted to be rotated by the motor;

a drive pulley connected to the shaft, the drive pulley adapted to be rotated by the shaft;

a swing pulley attached to a rotation shaft of the ultrasonic transducer unit; and

at least one intermediate pulley positioned between the swing pulley and the drive pulley, the rotating operation of the drive pulley being transmitted to the swing pulley by a wire through the at least one slidable intermediate pulley, wherein the at least one slidable intermediate pulley is slidable in a direction towards and away from the drive pulley;

wherein the wire is fixed to the drive pulley and swing pulley.

8. (Previously presented) The ultrasonic probe according to claim 7, wherein the wire is attached to the swing pulley by a connecting section.

9. (Previously presented) The ultrasonic probe according to claim 8, wherein one or more screws attaches the connecting section to the swing pulley.

10. (Previously presented) The ultrasonic probe according to claim 9, wherein the connecting section is deformable.

11. (Previously presented) The ultrasonic probe according to claim 10, wherein the connecting section includes one or more holes penetrating therethrough, further wherein the wire passes through the one or more holes and the one or more holes are compressible.

12. (New) The ultrasonic probe according to claim 1, wherein the cable-like second power transmission device includes a wire.

13. (New) The ultrasonic probe according to claim 1, wherein the cable-like second power transmission device includes a structure with a cable shape having a non-rectangular cross-section.

14. (New) The ultrasonic probe according to claim 1, further including at least one fastener configured to attach the first fixing device to the swing device.

15. (New) The ultrasonic probe according to claim 14, wherein each of the at least one faster comprises a screw.

16. (New) The ultrasonic probe according to claim 7, wherein the at least one slidable intermediate pulley is movable in a direction parallel to the rotation shaft of the ultrasonic transducer unit.

17. (New) The ultrasonic probe according to claim 1, wherein the second fixing device is used for a simultaneous adjustment of origin position angle of the ultrasonic transducer unit and the motor.

18. (New) The ultrasonic probe according to claim 7, further including a fixing section fixing, to the drive pulley, one of a ring-shaped ends of a wire, which is used for a simultaneous adjustment of origin position angle of

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the ultrasonic transducer unit and the motor.